

TOP SECRET

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18 Oct 61

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TGS-10055/61-KH
CIA/ER GP 61-141:L
18 October 1961
Copy 3 of 5

Copy 4 of 5 was used as
a draft for published
report + then destroyed.

**EFFECTIVE KEYHOLE COVERAGE
OF THE SOVIET RAIL NETWORK**

Summary

There are approximately 60,000 miles of contiguous broad gauge rail line in the Soviet Union. Forty-three percent of this network (34,400 miles) is covered by photography of sufficient interpretability to permit detection of any rail supported ICBM deployment of known configuration in an identifiable stage of construction within 15 nautical miles on both sides of the track. Of the 34,700 miles of rail network located in the areas best suited for ICBM deployment, 59 percent (20,400 miles) is covered by KEYHOLE photography of the same quality.

Discussion

This report revises and updates the estimate of effective KEYHOLE coverage of the Soviet rail network presented in [redacted] 25X1D 1961. A higher and more realistic percentage of effective coverage has resulted from the alteration of some of the criteria on which the former estimate was based and the availability of photography from missions [redacted] 25X1D 25X1B

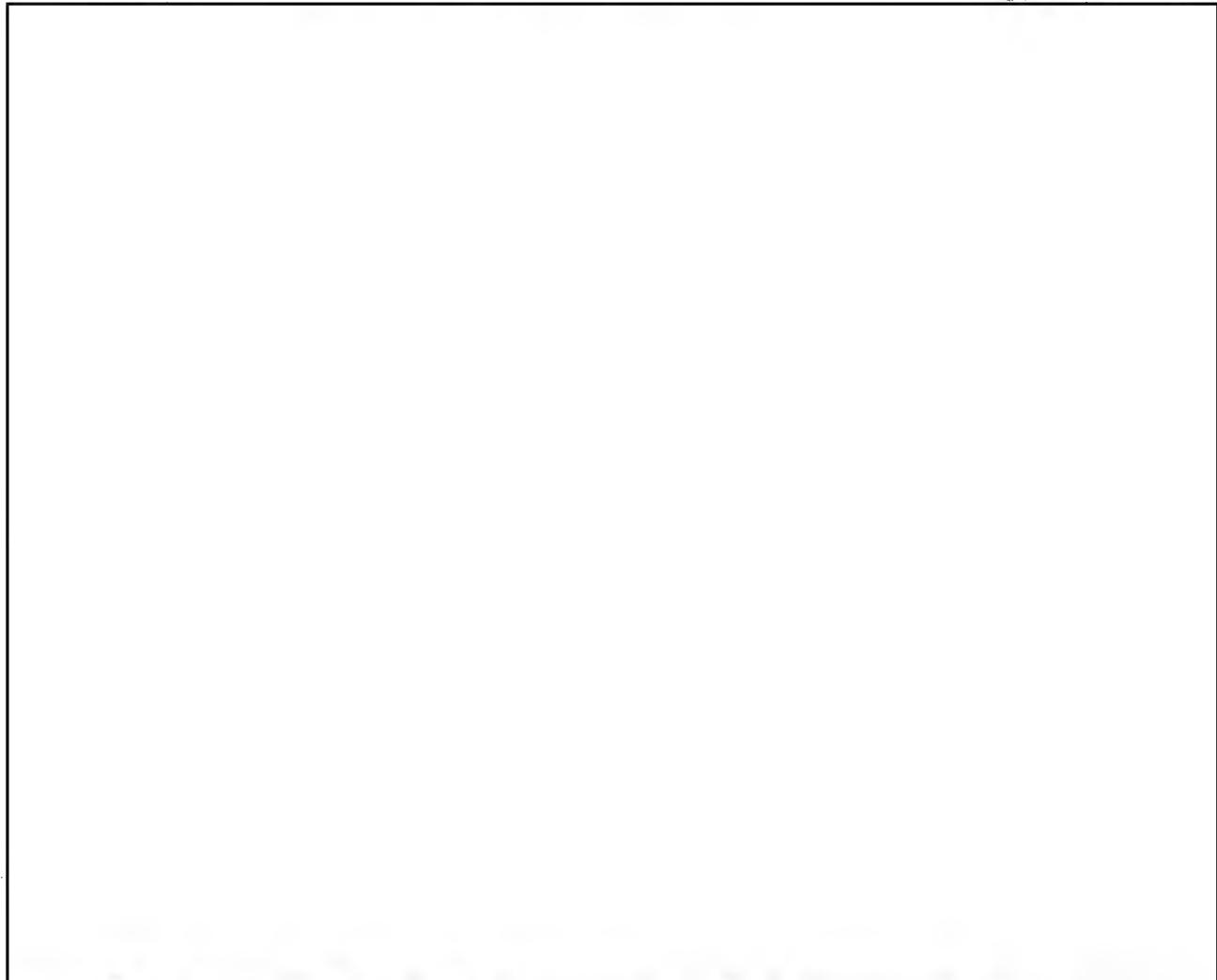
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	<u>MILES</u>
Lines Listed in Soviet Sources	72,572
Other Existing Lines	4,242
Lines Currently Under Construction	2,710
	<u>79,524</u>

25X1B



The resulting computation gave a figure of 34,400 rail miles effectively covered by KEYHOLE, of which 20,400 miles is located within the areas best suited for ICBM deployment.*

25X1B

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